## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE     |
|---------------------------|----------|--------|----------|
| FEE DETERMINATION         | 9.4.     |        | 12/1/99, |
| O.I.P.E. CLASSIFIER       |          | 45     | Vil.0/99 |
| FORMALITY REVIEW          | diali    | 68901  | 11/0/00  |
| RESPONSE FORMALITY REVIEW | TKI42    |        | 1010     |

## **INDEX OF CLAIMS**

| V        | Rejected                   | N | Non-elected  |
|----------|----------------------------|---|--------------|
|          | Allowed                    | 1 | Interference |
| _        | (Through numeral) Canceled | _ | Appeal       |
| <u>.</u> | Restricted                 | 0 | Objected     |

| CI       | ain           | <u></u>      | _            | •         |      | _ | Da       | te            |  |              |              |          | Cla      |                  |             |  |          |        | Da   | te       |  | _  |          |           | Cla         | im         |             |           |           | D             |
|----------|---------------|--------------|--------------|-----------|------|---|----------|---------------|--|--------------|--------------|----------|----------|------------------|-------------|--|----------|--------|--|----------|--|--|----------|-----------|-------------|------------|-------------|-----------|-----------|---------------|
|          | T =           | -1-          | 1            | 9         | 77   |   |          |               |  |              |              |          | _        | Original         | 3/3         | 12/20  | 24/16/01 | No.    |  |          |  |  |          |           | _           | 증 Original | 2971/62     |           |           |               |
| Final    | 3             | "  )         | 1            | ٤Ì        | 1/16 |   |          | Į .           |  |              |              |          | Final    | ۱ <u>چ</u>       | 3/2         | 1  | 1        | Y.     | ľ  |          |  |  |          | -         | Final       | Sign       | 7           |           |           |               |
| Ĺ        |               | n            | Ť            |           |      | _ | -        | H             | $\vdash$   |              |              | $\vdash$ | -        | 51               | +           | +  | N        | -      | ┢  | _        | 1  | İ  |          | $\neg$    | 201         | 101        |             |           | _         | $\top$        |
| <b>\</b> |               |              | ╁            | 7         | -    | - | -        | -             | T  | <del> </del> | ┢            | $\vdash$ |          | 52               |             | <del>                                     </del> | T        | _      | <u>├</u>   | ┢        | <b> </b>   |  |          | _         | 2)          | 102        |             |           | $\dashv$  | $\dashv$      |
|          | t             |              | +            | 1         | _    | - | _        | $\vdash$      | 1  | 1-           | 1-           |          |          | 53               | $\parallel$ | H  | $\sqcap$ | _      | t  | $\vdash$ |  | <del>                                     </del> | $\vdash$ | $\dashv$  |             | 103        |             |           | $\dashv$  | -+-           |
| -        | 4             | , ,          | +            | -         | _    | - | -        | -             | -  |              | ┢            | $\vdash$ | -        | 54               | ╫           |  | $\vdash$ |        | ╁  | ┢        | $\vdash$   | ┼─-  | $\vdash$ | $\dashv$  | 23          | 104        |             |           | -         |               |
|          | (             | 1            | $\dagger$    | 7         |      | Г |          |               |  |              |              |          |          | 54<br>55<br>56   | $\parallel$ | 11   | $\sqcap$ |        | T  | _        | $\vdash$   | 1  | П        | $\neg$    | 24          | 105        | i           |           | $\dashv$  | +             |
| Ė        | 7             | 1            | ┪            | 7         |      | Т | 1        |               | <del>                                     </del> |              | T            | Н        |          | 毒                | IT          | H  | 9        |        |  |          | 1.   | t  |          | $\neg$    | 25          | 106        | $\dagger$   |           | $\dashv$  | 十             |
| -        | 1             | -            | †            | 1         |      |   | -        | ✝             | 1  |              | H            |          |          | \$7              | H           | T  | Ň,       | _      | $\vdash$   | _        |  | <del> </del>                                     |          | $\dashv$  | 26          | 107        | +           |           | 7         | -             |
| -        |               | 1            | ┪            |           | _    | - | -        | $\vdash$      | $\vdash$   | _            | 1-           | П        |          | 58               | П           | П  | 1        |        |  |          |  | İ -  |          | $\neg$    | 2.7         | 108        | $\top$      | П         | ヿ         | $\top$        |
|          | $\overline{}$ | 9            | †            |           | -    | _ |          |               | 1  |              | $\vdash$     |          |          | 59               | $\Box$      | Ħ  | 1        |        | 1  |          | Т  | <u> </u>   |          | $\neg$    | _           | 109        | $\top$      |           | $\exists$ | $\top$        |
|          | 1             |              | Ť            |           |      |   |          | 1             | Г  |              | 1            | $\Box$   |          | 60               | П           |  | П        |        | Ι  |          | T  |  |          | $\neg$    | 29          | 110        | $\exists$   |           | $\dashv$  |               |
|          | 11            | 1            | 1            |           |      |   |          |               | 1  |              |              | П        |          | 61               |             | П  | П        |        |  |          | 1  | i  |          | $\neg$    | 3,0         | 111        | T           |           | .         |               |
|          | 11            | 2            | 1            | 7         |      | _ |          | T             | $\vdash$   | 1            |              | П        |          | 62               | П           | П  | П        |        | T-   | Γ        | T  |  |          |           | 31          | 112        | Ť.          |           | 7         | _             |
|          | 11            | 3            | T            | $\neg$    | •    |   |          |               | 1  |              |              |          |          | 63               | Π           | П  | V,       |        | 1  |          |  | Г  | П        | $\neg$    | 32          | 113        | =           |           |           | $\top$        |
|          | 1             | 1            | T            |           |      | Г |          | Т             | 1  | T            |              |          |          | 64               | π           | П  | 1        |        |  |          | $\vdash$   | T  |          |           | -           | 114        |             |           | $\exists$ | $\top$        |
| $\vdash$ | 1             |              | T            | 7         |      | _ |          | Г             |  | 1            | Г            | П        |          | gέs              | IT          | П  | N        |        | T  | Γ        | 1  |  |          |           |             | 135        |             |           | $\neg$    |               |
|          | 1             | 3            | T            | $\exists$ |      | Г |          | T             | T  |              | Г            | П        |          | 8<br>6<br>7      |             | П  | J        |        |  |          |  |  | П        |           | 33          | 116        | 'n          |           | $\neg$    |               |
|          | U             | 7            | Ţ            |           |      |   |          | Г             | $\top$   |              | Г            |          |          | <b>\$</b> 7      |             | П  | П        |        |  | Г        | $\sqcap$   |  | П        | $\neg$    | 33<br>38 (  | 117        | )           |           | $\exists$ | $\top$        |
|          | Ū             | 3)           | T            |           |      |   | Г        | Г             |  |              | Π            |          |          | 68               | $\  -$      | П  | П        |        | Π  |          | Π  |  |          |           | 39          | 118        | П           |           | $\neg$    |               |
|          | 1             | 9            | Τ            |           |      |   | i —      | Π             | Π  |              |              |          |          | 69               |             | П  | П        |        | Π  |          |  |  |          |           |             | 119        |             |           | $\neg$    |               |
|          | Q             |              | 7            | 7         |      |   |          | 1             |  |              |              | П        |          | 10               |             | П  | П        |        | Ī  |          | T  | Г  |          |           |             | 120        | 1           |           | $\neg$    | $\neg$        |
|          | (2            | 7            | +            | 7         | -    | - | -        |               | ╁  |              |              | Н        | -        | 71               | ╫           | $\Box$   | H        |        | <del> </del>                                     |          | <del> </del>                                     |  | H        | 7         | 42          | 121        | +           |           | $\dashv$  | $\dashv$      |
| +-       | 3             | 7            |              |           | Z    |   |          |               | <del> </del>                                     |              | <del> </del> | Н        |          | 12               | 1           | $\sqcap$   | 1        |        | _  | _        | T  |  |          |           | 43          | 122        | $\top$      |           | _         |               |
|          | 12            | 3            | +            | rt        | N    |   | -        | 1             | <del> </del>                                     |              |              |          |          | 13               | -           | $\Box$   | 7        |        | <u> </u>   |          | 1  |  |          | $\exists$ |             | 123        | 11          | $\dashv$  | _         | $\top$        |
|          | 2 2           | 4            | 1            | Ħ         | 7    |   | -        |               |  |              |              |          |          | 14               | 1           |  | X        |        | T  |          | 1  | $\vdash$   |          | $\dashv$  | 11          | 124        | $\top$      |           | ヿ         | +             |
| -        | 14            | 5            | T            | Ħ         | N    |   | _        | T             |  | -            |              |          | 1        | <b>1</b>         | 1           | $\Box$   | V        |        |  |          |  | Г  |          | $\neg$    | 12.         | 125        | T           |           | 寸         |               |
|          | 2             | 5            | †            | #         | T    |   | 1        |               | T  |              | I            | П        | 1        | 76               | 1           | $\Box$   | Č        |        | $\vdash$   |          | Т  | -  |          | $\neg$    |             | 126        | 1           |           | 7         | _             |
|          | 2             | 7            | +            | #         | 1    |   |          | ┢             | 厂  |              | _            |          |          | 71               |             | $\dagger \dagger$                                | Н        |        |  |          | Ħ  | Г  |          | $\neg$    | 48          | 127        | Ħ           |           | 寸         | $\neg \vdash$ |
|          | 2             | <b>3</b>   1 | $^{\dagger}$ | Ħ         | -11  |   |          |               |  | $\vdash$     |              |          |          | 78               | 1           | 1  | $\sqcap$ |        | T  | _        | 1  | <del>                                     </del> |          |           | 40          | 128        | $\top$      |           | ヿ         |               |
|          | 2             | ,            | T            | 11        | 11   |   |          |               | T  | $\vdash$     | ┰            |          |          | 79               | 1           | 1  |          |        | -  |          | 1  | <del>                                     </del> |          |           | 9           | 129        | 7           |           | コ         | $\top$        |
|          | 3             | 5            | 1            | 11        | -11  |   | -        | $\overline{}$ | _  | İ            |              |          |          | 80               |             |  |          |        |  |          |  |  | $\Box$   |           | <u>50</u> . | 129<br>130 | -1          |           | $\exists$ | $\top$        |
|          | 13            | 1            | T            | $\Pi$     | -11  |   |          |               |  |              |              | П        |          | 8                | 1           |  | J        |        |  |          | П  |  |          |           | 52          | 131        | 114         |           | 7         |               |
|          | 13:           |              | T            | $\Pi$     | 7    |   |          |               |  |              | _            |          |          |                  | 1           | 1,   | 3        | #      | $\vdash$   |          |  |  | П        |           |             | 132        |             |           | $\neg$    | $\top$        |
|          | 13:           |              | 1            | П         | 1    | _ |          | <u> </u>      |  |              |              |          |          | 8 <u>2</u><br>83 | ĭ           | *  | N        |        |  |          |  |  |          |           |             | 1,23       |             |           |           | $\neg \vdash$ |
|          | 34            | ıĦ           | T            |           | 시    |   |          |               | -  |              |              |          |          | 84               |             |  |          | Ξ      |  |          |  |  |          |           | 53          | 134        | -           |           |           |               |
|          | 35            | 5            | T            | П         | 1    |   |          |               |  |              |              |          | 2        | 85               |             |  |          | ١      |  |          |  |  |          |           | 581         | 135        | )           |           | $\exists$ |               |
|          | 30            |              | П            |           | 1    |   |          | Г             | Г  |              |              |          | 3        | 86               |             |  |          | T      |  |          |  |  |          |           | 58<br>59    | 136        | П           |           |           |               |
|          | 3             |              | П            |           | T    |   |          |               |  |              |              |          | 4        | 87               |             |  |          | T      |  |          |  |  |          |           | 60          | 137        | T           | $\exists$ | $\neg$    | $\top$        |
|          | 38            | 3            | П            |           | П    |   |          |               |  |              |              |          | 5        | 88               |             |  |          | $\neg$ |  |          |  |  |          |           | 61          | 138        | П           |           | $\neg$    |               |
|          | 3             | •            | Τ            |           | П    |   |          |               |  |              |              |          | 6        | 89               |             |  |          |        |  |          |  |  |          |           | 62.         | 139        | П           |           |           |               |
|          | 40            | )            | T            |           | П    |   |          |               |  |              |              |          | 7        | 90               |             |  |          | T      |  |          |  |  |          |           | ç3          | 140        |             |           | $\exists$ |               |
|          | 4             | 1            | 1            | Ħ         | ৸    |   |          |               | _  | -            |              |          | 8        | 91               | _           |  |          |        |  |          |  |  |          |           |             | 141        | $\Box$      |           | 寸         | $\dashv$      |
|          | 4             | :            | †            | 11        | 1    | _ |          | $\vdash$      | Т  | $\vdash$     |              | $\vdash$ | 9        | 92               |             |  |          | $\top$ |  |          |  | Г  | П        | $\neg$    | 45          | 142        | Ħ           | $\dashv$  | _         | -             |
| <b>—</b> | 4             | 3            | ┪            | 11        | N    |   | _        | $\vdash$      |  |              |              | $\vdash$ | 19       | 93               | -           |  |          | _      | _  |          | $\vdash$   |  |          | $\dashv$  | 110         | 142<br>143 | Н           | 一         | _         | +             |
| 1        | 4 4 4         | 1            | $\dagger$    | #         | 1    | _ |          |               | -  | _            |              | $\vdash$ | 10 12 13 | 94               |             |  |          | +      | $\vdash$   |          |  |  |          | $\neg$    |             | 144        | $\dagger$   | _         | $\dashv$  | +             |
| -        | 14            | 5            | †            | #         |      |   | $\vdash$ | _             | <del>                                     </del> |              | $\vdash$     | $\dashv$ | 12       | 95               |             |  |          | +      | -  |          | $\vdash$   | <del>                                     </del> |          |           | 10          | 145        | $\forall$   | $\dashv$  | $\dashv$  | -+-           |
|          | 4             | ; -          | †            | #         | 4    |   |          | _             | _  | _            | _            | $\dashv$ | 13       | 96               |             |  |          | V      | $\vdash$   |          | Г  | -  |          | -         | 100         | 146        | +           | -         | $\dashv$  | $\dashv$      |
|          | 4             | ,            | $\dagger$    | #         | N    | _ | _        |               | <u> </u>   |              | -            | Н        | 14       | 97               | _           |  |          | =      |  | Т        | <del>                                     </del> | <u> </u>   |          |           | 20          | 147        | $\forall$   | 一         | $\dashv$  | +             |
|          | 4 4 5         | 1            | †            | H         | ή    |   | _        | -             | <del>                                     </del> |              | -            | $\dashv$ |          | 96               | _           | $\vdash$   | H        |        | <del>                                     </del> | Г        | -  |  |          | $\dashv$  | 71          | 148        | $\parallel$ | $\dashv$  | $\dashv$  | $\dashv$      |
| 1        | 4             | 1 2          | ή,           | 1         | Ŋ    | _ |          |               | $\vdash$   |              |              | $\dashv$ |          | 99               |             | <u> </u>   |          | _      |  | Т        | $\vdash$   | -  | $\Box$   | $\neg$    |             | 149        | 3/          | -         | $\dashv$  |               |
| 1        | +-1           | +            | 4            | ġ-        | -*+  |   |          | t-            | <del> </del>                                     |              | _            | -        | -        | 100              |             | $\vdash$   |          | _      | -  |          | t  | -  | ╌┤       | $\dashv$  | $\mu$ c     | 150        |             | -         | -+        | +             |

| Cla        | im         | Date         |        |   |   |   |          |          |          |          |          |  |  |
|------------|------------|--------------|--------|---|---|---|----------|----------|----------|----------|----------|--|--|
|            | la l       | 2/12         |        |   |   |   |          |          |          |          | [        |  |  |
| Final      | Origin     | 1/6          |        |   |   |   |          |          |          |          |          |  |  |
| 201        | 101        | =            |        |   |   |   |          |          |          |          |          |  |  |
| 2)         | 102        |              |        |   |   |   |          |          |          |          | Γ        |  |  |
| n          | 103        |              |        | Г |   |   |          |          |          |          |          |  |  |
| 13         | 104        |              |        | _ |   |   |          | $\vdash$ |          |          |          |  |  |
| 24         | 105        |              |        |   |   |   |          | Π        |          |          |          |  |  |
| 25         | 106        | T            |        |   |   |   |          |          |          |          |          |  |  |
| 26         | 107        |              |        |   |   |   |          |          |          |          |          |  |  |
| 2.7        | 108        |              |        |   |   |   |          |          |          |          |          |  |  |
| 7 <i>b</i> | 109        |              |        |   |   |   |          |          |          |          |          |  |  |
| 19         | 110        |              |        |   |   |   |          |          |          |          |          |  |  |
| 3,0        | 111<br>112 | . 1.         |        |   |   |   |          |          |          |          |          |  |  |
| 31         | 112        | -            |        |   |   |   |          |          |          |          |          |  |  |
| 32         | 113        | =            |        |   |   |   |          |          |          |          |          |  |  |
|            | 114        |              |        |   |   |   |          | _        |          |          | L        |  |  |
|            | 135        |              |        |   |   |   |          | L        |          |          | L        |  |  |
| 33         | 116        | =            |        |   |   |   |          | L        | L        |          | _        |  |  |
| 3S (       | 117        |              |        |   |   |   | Ш        | L        | <u> </u> | L        |          |  |  |
| 39         | 118        | Ш            |        | L |   |   |          |          |          | <u>_</u> |          |  |  |
| 40         | 119        | Ш            |        |   |   |   |          |          | <u> </u> |          |          |  |  |
| 41         | 120        | $\perp$      |        |   |   |   |          |          |          | L        |          |  |  |
| 42         | 121        |              |        |   |   |   |          |          |          |          | Ц.       |  |  |
| u 3        | 122        | 4            |        |   |   |   |          |          |          |          |          |  |  |
| 44         | 123        | Ш            |        |   |   | _ |          | _        |          |          |          |  |  |
| 45         | 124        | $\perp$      |        |   | _ |   |          | <u> </u> | -        | L.       | · —      |  |  |
| 46         | 125        | $\perp$      |        |   |   |   |          | <u> </u> | ┡        |          |          |  |  |
| 47         | 120        | -            |        |   |   |   | _        |          |          |          | _        |  |  |
| رة<br>18   | 128        | +            |        |   |   | - |          | -        |          |          |          |  |  |
| 77         | 129        | $\forall$    |        | _ |   |   | -        | _        | -        |          |          |  |  |
| ر.<br>ح    | 129<br>130 | -            |        |   |   | - |          |          |          |          |          |  |  |
| 52         | 131        | 1            | -      |   |   |   | -        |          |          | H        |          |  |  |
| ÿ.         | 122        |              |        | _ |   |   |          |          |          |          |          |  |  |
|            | 123        |              |        |   | _ |   |          |          |          |          |          |  |  |
| د ع        | 134        | -            |        |   |   |   |          |          |          |          |          |  |  |
| 561        | 135        | $\sum$       |        |   |   |   |          |          |          |          |          |  |  |
| 59         | 136        |              | -      |   |   |   |          |          |          |          |          |  |  |
| 60         | 137        | I            |        |   |   |   |          |          |          |          |          |  |  |
| 61         | 138        | Ш            |        |   |   |   |          |          |          |          |          |  |  |
| 62.        | 139        | Ш            |        |   |   |   |          |          | L        |          |          |  |  |
| 63         | 140        | Ш            |        |   |   |   |          |          |          |          |          |  |  |
| 64         | 141        | Щ            |        |   |   |   |          |          |          |          | <u> </u> |  |  |
| 45         | 142        | Щ            |        |   |   |   |          |          |          |          |          |  |  |
| 66         | 143        | Ш            |        | _ |   |   |          |          |          |          |          |  |  |
| 61         | 144        | Щ            | _      |   |   | _ |          | _        |          |          |          |  |  |
| B          | 145        | -#           | _      | _ |   |   | <u> </u> | _        | L        | Щ        |          |  |  |
| 9          | 146        | $\mathbb{H}$ | 4      |   |   |   |          |          | -        |          | L        |  |  |
| 70<br>71   | 147        | +            |        | _ |   |   |          |          |          | _        |          |  |  |
| 11         | 148        | 4            | -      |   |   |   | _        | _        | H        | H        |          |  |  |
|            | 149<br>150 | -            | -      | _ | _ | - | _        |          | -        | $\vdash$ | —        |  |  |
|            | 22.5       |              | نــــا |   | - |   |          |          | Ц.       | لـــا    |          |  |  |

If more than 150 claims or 10 actions staple additional sheet here